

Journal - Office of Legislative Counsel
Monday - 29 July 1963

Page 2

5. (Unclassified - GLC) Dick Hines, House Space Committee staff called and said that Representative Teague had asked whether our "configuration chart" could be made available in unclassified form and whether the figures used in William Patterson's article on Soviet boosters equate with our figures. Patterson's article appeared in the November 1962 issue of the magazine "Space Aeronautics." [redacted] is checking on this.

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6. (Unclassified - GLC) Talked with Bob Michaels, House Appropriations Subcommittee staff, with respect to the Subcommittee's letter authorizing appropriations "during July" as authorized by congressional resolution. I queried Michaels as to whether it would be necessary for the Agency to receive a similar authorization for the month of August or whether he interpreted the letter to make the matter controlling under the resolution. Michaels said he was not certain on this himself and would check on it and be in touch with us by close of business 31 July.

Michaels mentioned that he had seen statements on two U.S. rockets in the "Missiles and Rockets" issue of 29 July containing the 7th Annual World Missile/Space Encyclopedia. He said the items which concerned him appeared on page 55. Later in the day, [redacted] indicated that the information which Michaels referred to had been previously contained in other open publications and was not considered to be a matter of great concern.

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7. (Internal Use Only - GLC) [redacted] requested assistance in the preparation of a reply to Senator Neuberger in furtherance of correspondence directed to him as Executive Officer of SSU, concerning a claim of an OSS man for "hazardous duty pay." A suitable answer was prepared.

8. (Unclassified - GLC) Late in the day, I learned that the Director had discussed with Senator Pastore the desirability of the Director getting together with the Joint Committee on Atomic Energy but acknowledged that both of their schedules made this practically impossible. At Mr. Elder's request, I made a call to the Committee staff. In the absence of James Conway, I talked with Commander Bauser advising him of the conversation between the Director and the Chairman. I indicated that the only possible time the Director could meet with the Chairman would be on Thursday morning and added that I could not even make a flat commitment for then. Bauser planned to talk with Conway later in the evening and said he would take the matter up with him at that time.

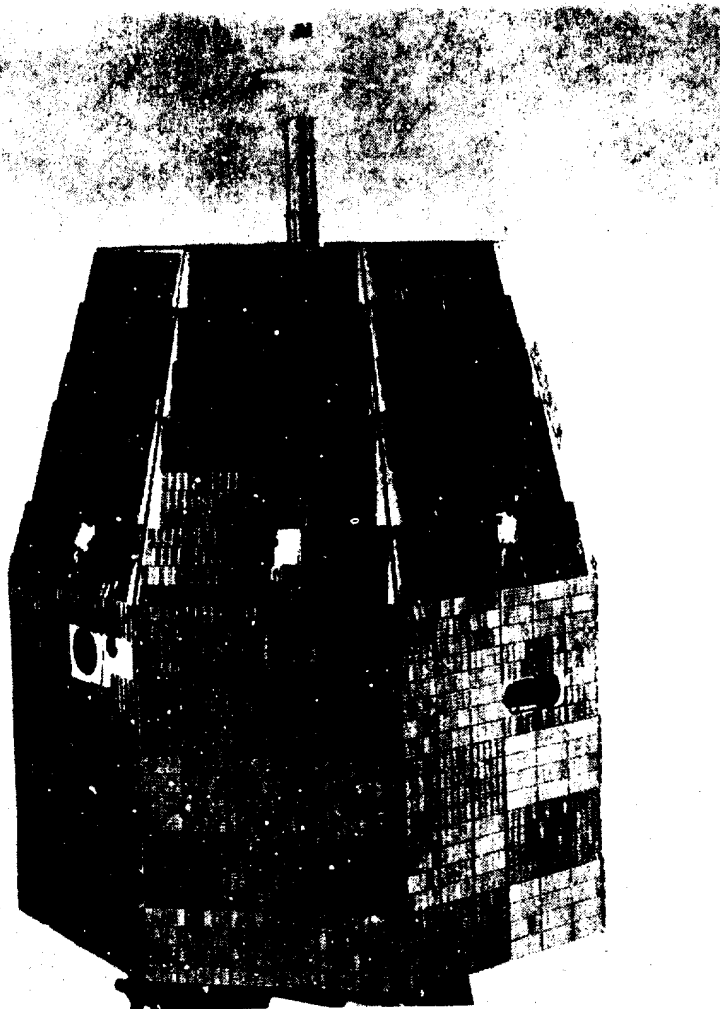
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cc:
Ex/Dtr
DD/S
Colonel Grogan

[redacted]
Assistant Legislative Counsel

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MORI/CDF Page
1



RELAY

Relay (NASA)

TYPE: Low altitude active communication satellite

MISSION: Receive and transmit radio and TV signals via the 172 lb. active repeating satellite in a 700 to 40,000 n. mi. orbit

STATUS: R&D

PRIME CONTRACTOR: RCA

INSTRUMENTATION: Duplicate systems for receiving and retransmitting wideband TV, telephone and data signals; can handle a television transmission or 12 two-way voice channels; radiation monitoring and radiation damage detectors

POWER UNITS: Solar cells and batteries

REMARKS: Britain, France, Brazil and Germany building ground stations. Relay 1 in orbit Dec. 13, 1962; initial malfunction first apparent on fourth orbit corrected during December; successful use of satellite for experiments and demonstrations from Jan. 5, 1963 to present involving stations in Britain, France, Brazil and Italy. Germany and Japan constructing stations to participate in later launches; one additional launch planned for late 1963 with backup scheduled for 1964

Satellite Inspector (SAINT) (Air Force)

TYPE: Satellite inspection system Program 706

STATUS: Early development

PRIME CONTRACTOR: RCA Hughes, detection equipment

PERFORMANCE: Must be able to detect and rendezvous to within 50 ft. of another spacecraft or satellite, changing altitude and orbital plane accordingly; will be equipped with kill mechanism to neutralize proven hostile vehicles

PAYLOAD: Expected to incorporate TV, optical, infrared radar and radiation sensors

REMARKS: Progress not clear; feasibility demonstration originally slated for 1962, program now re-oriented; study contracts may be let for further refinement of system, possibly based on Gemini

SAMUS (Air Force)

MILITARY DESIGNATION: Part of WS 117L redesignated to an unknown program number

TYPE: Reconnaissance satellite

STATUS: Operational

PRIME CONTRACTOR: Lockheed, sensors, Eastman Kodak reentry capsules, GE, recovery system, Avco & Northrop

CONFIGURATION: Length 22 ft., diameter, 5 ft.; weight, 4,100 lbs. with E-5 capsule, 3,000 lbs. with E-6 capsule; weights include entire Agena stage

PERFORMANCE: Polar orbit of 100,300 n. mi.; solar cell paddles extend operating time

INSTRUMENTATION: Photo intelligence equipment by Eastman Kodak

BOOSTER: Atlas Agena or Thrust Augmented Thor

REMARKS: System has highest national priority for recon efforts, consists of 6-9 satellites; 20-day life for photo equipment aboard, processed film scanned by TV for immediately useful data, then recovered from orbit for detailed analysis after useful life ends; electronic eavesdropping version known as Ferret picks up communications and carries out electronic intelligence; advanced version under development; originally known as Sentry; even present name is classified, photos reported to be of same quality as high altitude aircraft capability

SERT (NASA)

TYPE: Ballistic trajectory test vehicle

MISSION: To test electrical engine parameters

STATUS: R&D

PRIME CONTRACTOR: RCA

REMARKS: First flight expected late 1963 or early 1964